

CLAIMS

- 1 1. A gear arrangement, comprising a first gear (1) made of a first material and a second gear (2)
2 made of a second material wherein the first and second gears are adjacent on a common shaft (4) and
3 the elasticity of the first gear (1) is chosen to be greater than that of the second gear (2) while the
4 strength of the second gear (2) is chosen to be greater than that of the first gear (1), wherein the first
5 gear (1) and the second gear (2) sit on the shaft.
- 1 2. The gear arrangement of claim 1, comprising a third gear (3) made of the same material as
2 the first gear (1) and sits loosely on the common shaft, on the side of the first gear (1) that is still
3 free.
- 1 3. The gear arrangement of claim 1, wherein the gears having greater elasticity are made of
2 plastic while the gears having less elasticity but greater strength are made of metal.
- 1 4. The gear arrangement of claim 3, wherein the gears having greater strength and having the
2 same modulus exhibit a slightly smaller toothing than the gears having greater elasticity.
- 1 5. The gear arrangement of claim 4, wherein the teeth of the gears (1, 2, 3) arranged next to one
2 another line up.
- 1 6. The gear arrangement of claim 4, wherein the gears (1, 2, 3) arranged next to one another are
2 slightly offset relative to one another.
- 1 7. The gear arrangement of claim 6, wherein the gears (1, 2, 3) are helically toothed.

1 8. The gear arrangement of claim 7, wherein the first gear (1) and the second gear (2) sit on the
2 common shaft (4) in such a way that they are able to turn relative to one another about their
3 respective axes.

1 9. The gear arrangement of claim 8, wherein the first gear (1) and the second gear (2) are not
2 connected to one another on their surfaces facing toward one another.

1 10. The gear arrangement of claim 9, wherein the first gear (1) and the second gear (2) are
2 asymmetrically alignable relative to one another with respect to their toothing.